

**EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Thomas Spinelli on 3/14/10.

The application has been amended as follows:

Claim 1, line 3, deleted "the output" and inserted ---an output ---, line 6, deleted "the basis" and inserted ---a basis---, line 9, deleted "the power supply" and inserted ---a power supply---, line 12, deleted "an endoscope, on the" and inserted ---the endoscope, on a---, line 13, deleted "circuit." and inserted --- circuit, wherein the adjuster circuit is equipped with an oscillator that generates a reference clock signal, and a modulator modulates the pulse width by being set by the reference clock signal of the oscillator and being reset by the comparison result of the comparator. ---.

Claims 2-6, 8-11, 13-27, line 2, deleted "an endoscope" and inserted---the endoscope---.

Claim 7, line 2, deleted "an endoscope according to Claim 3, wherein the adjuster circuit has" and inserted --- an endoscope according to Claim 3, wherein the---, line 3, deleted "that".

Claim 12 cancelled.

***Allowable Subject Matter***

2. Claims 1-11, 13-27 are allowed.
3. The following is an examiner's statement of reasons for allowance:

Prior art of record fails to disclose or fairly suggest, alone or in combination, a battery-powered light source device for an endoscope, comprising a DC/DC converter; a comparator and adjuster circuit particularly including "wherein the adjuster circuit is equipped with an oscillator that generates a reference clock signal, and the modulator modulates the pulse width by being set by the reference clock signal of the oscillator and being reset by the comparison result of the comparator", in combination with the remaining claimed limitations as recited in claim 1 (claims 2-11, 13-27 are allowed, since they are dependent on claim 1).

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

***Citation of relevant prior art***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Prior art Santi et al (U.S. Patent No. 5,969,484) discloses an electronic ballast.

Prior art Sawtell (U.S. Patent No. 5,949,225) discloses a adjustable feedback circuit for adaptive OPTO drives.

Prior art Bryson et al (U.S. Patent No. 5, 943, 227) discloses a programmable synchronous step down DC-DC converter controller.

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Prior art Takeda et al (U.S. Patent No. 5,939,835) discloses discharge lamp lighting device with power system.

***Inquiry***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Minh Dieu A whose telephone number is (571) 272-1817. The examiner can normally be reached on M-F (5:30 AM-2: 45 PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Owens Douglas W can be reached on (571) 272-1662. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Examiner Minh A

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Date 3/15/10

/Douglas W Owens/  
Supervisory Patent Examiner, Art Unit 2821  
March 16, 2010